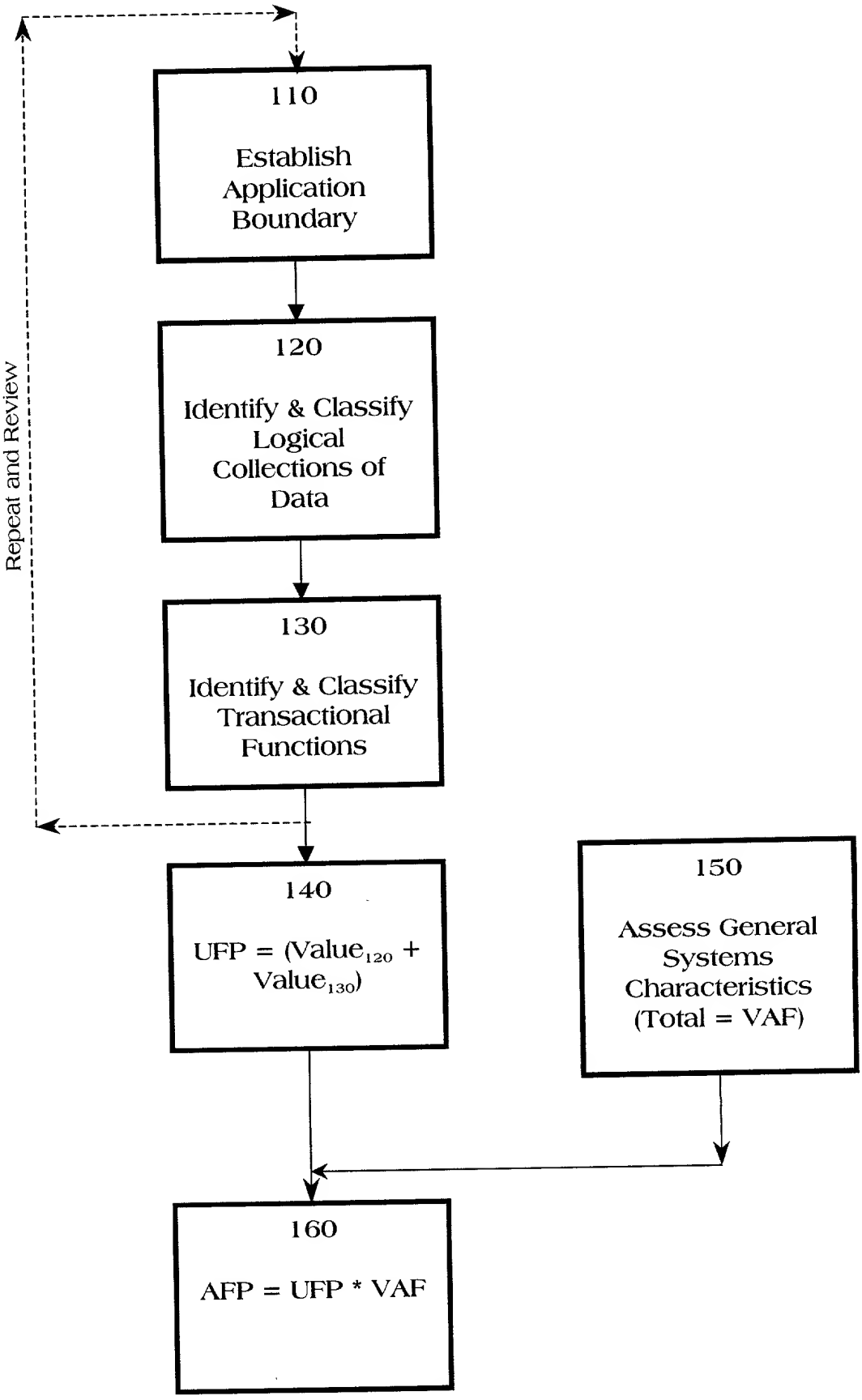

FIGURE 1
PRIOR ART

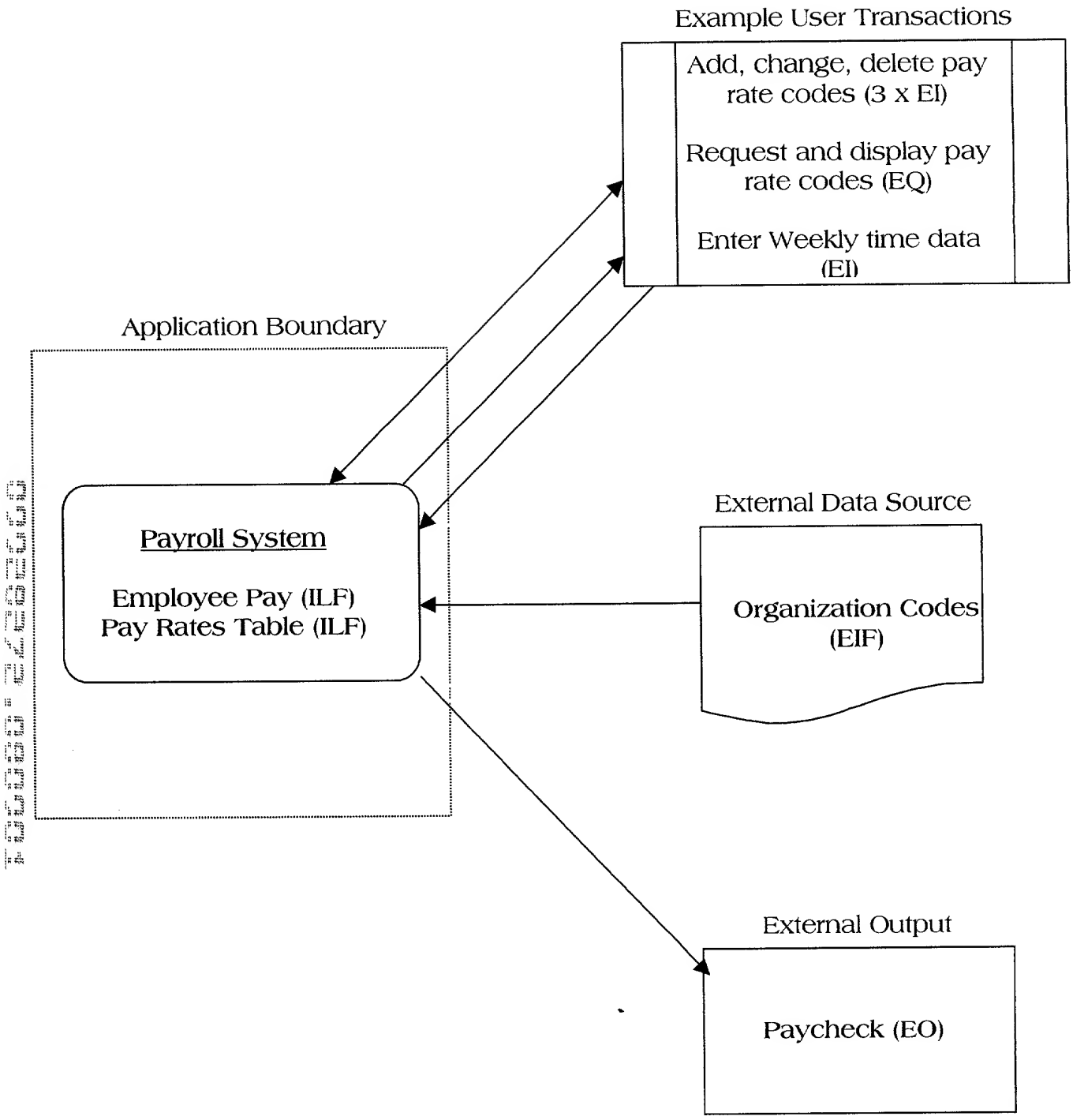

FIGURE 2
PRIOR ART

Description	Level of Complexity			Total
	Low	Average	High	
External Inputs (EI's)	3 * 3	1 * 4	0 * 6	9 + 4 = 13
External Outputs (EO's)	0 * 4	1 * 5	0 * 7	5
External Inquiries (EQ's)	0 * 3	1 * 4	0 * 6	4
Internal Logical Files (ILF's)	2 * 7	0 *10	0 *15	14
External Logical Files (ELF's)	1 * 5	0 * 7	0 *10	5
Total Unadjusted Function Points (UFP):				41

FIGURE 3
PRIOR ART

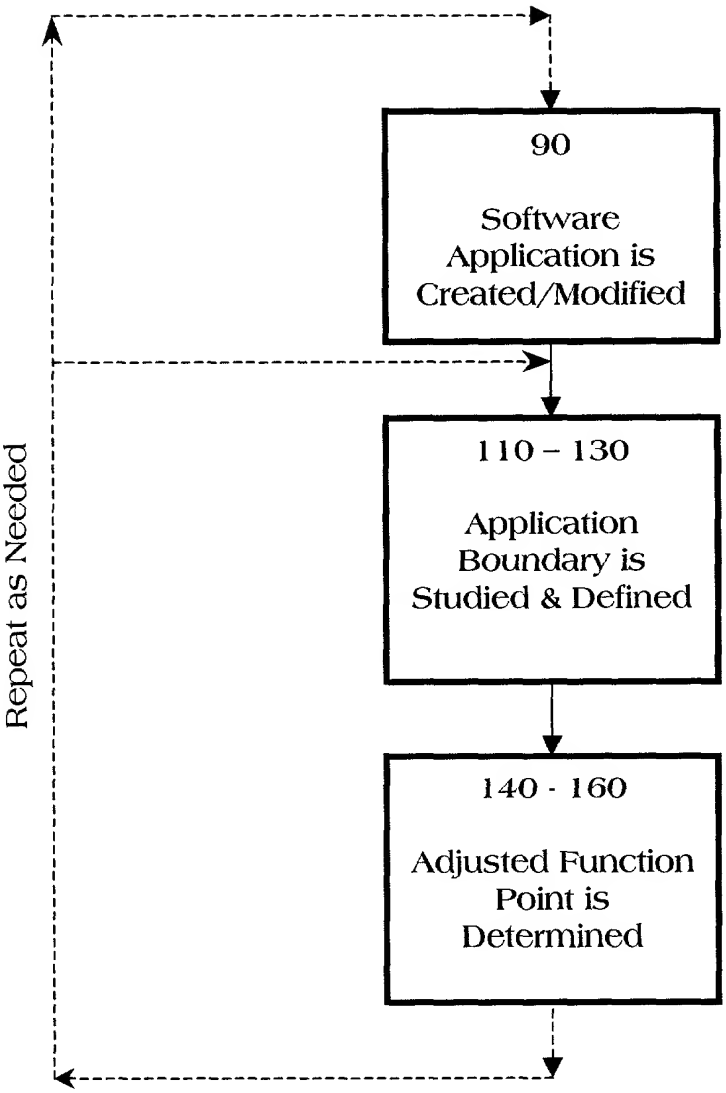

FIGURE 4
PRIOR ART

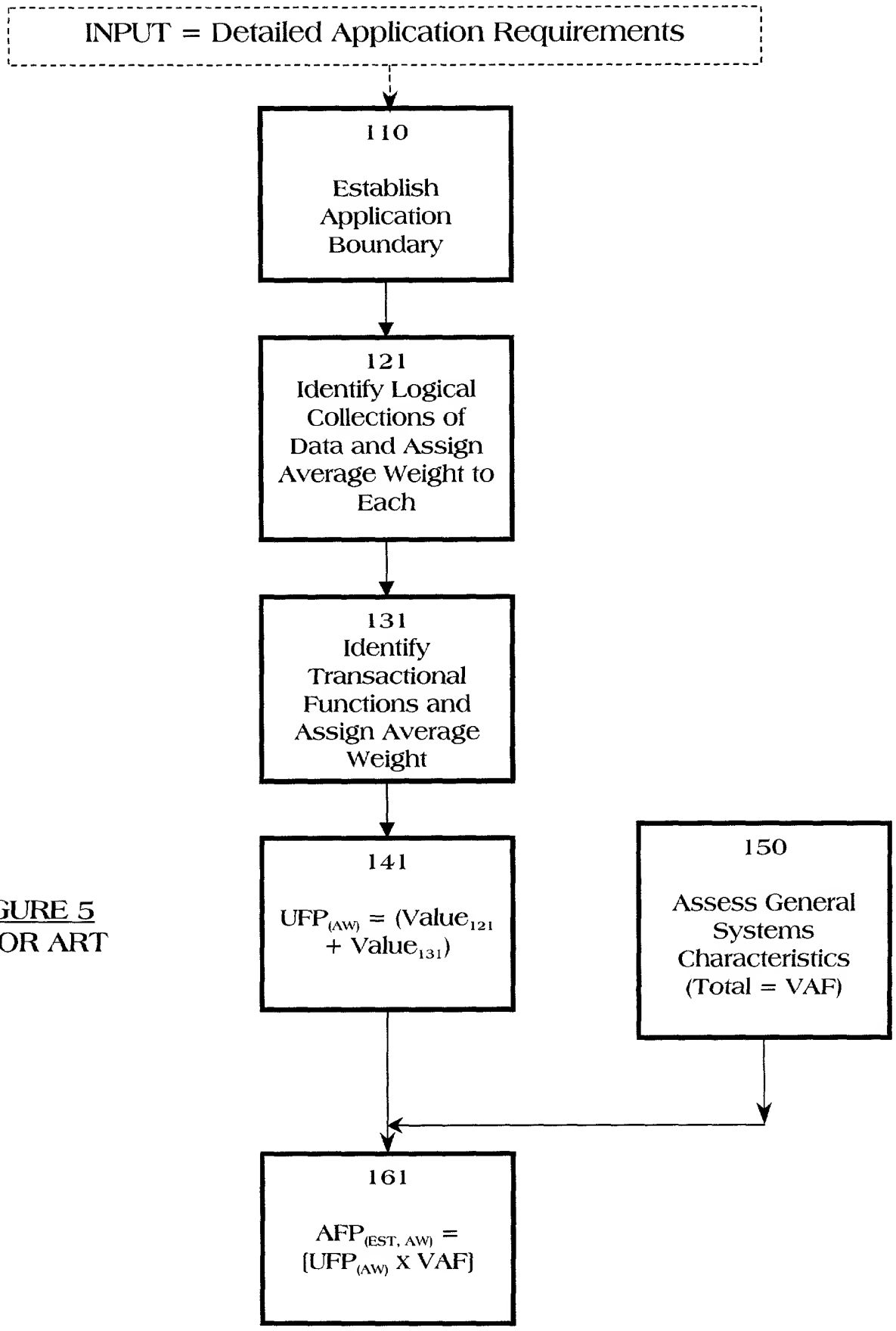

FIGURE 5
PRIOR ART

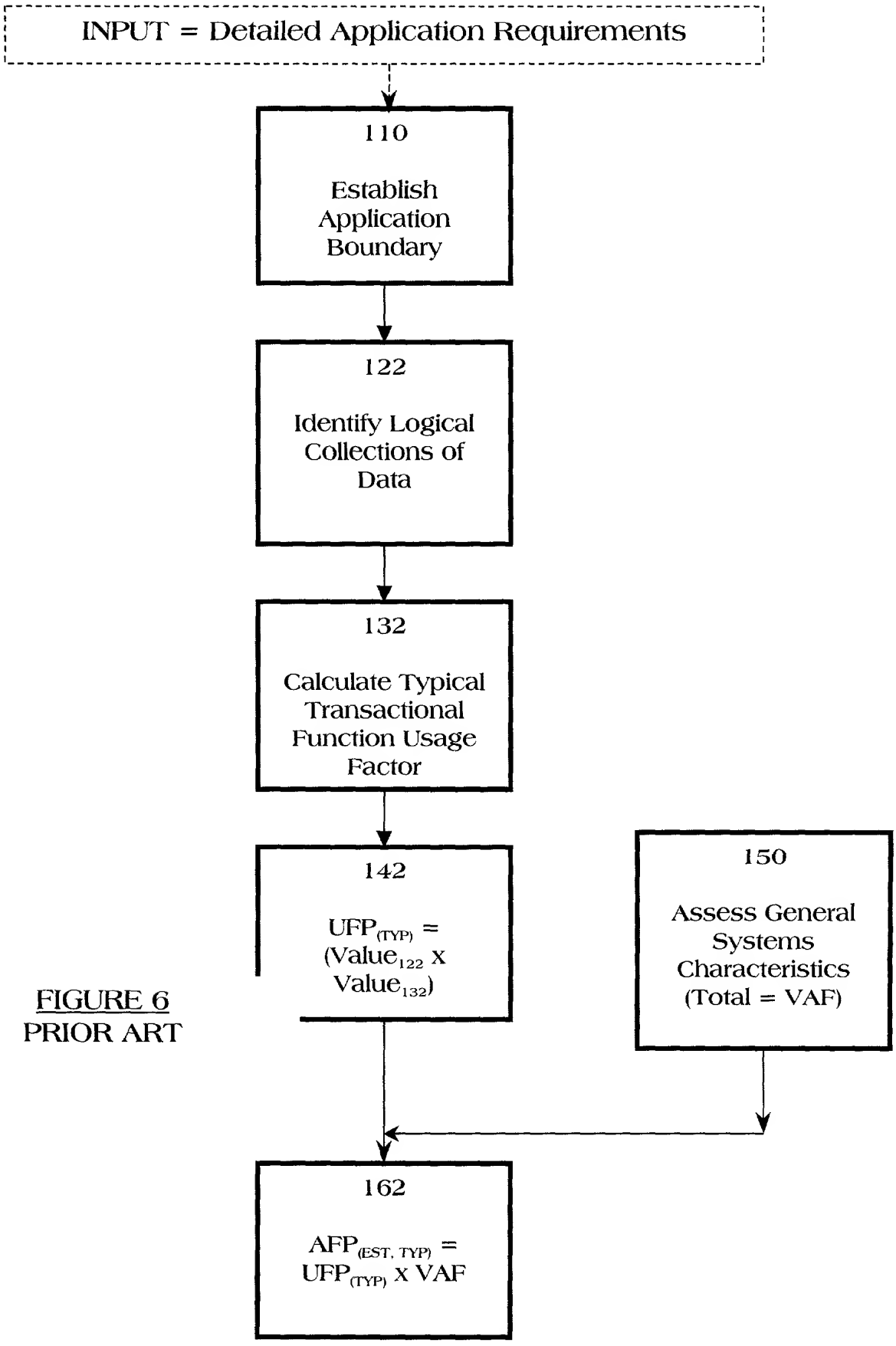

FIGURE 6
PRIOR ART

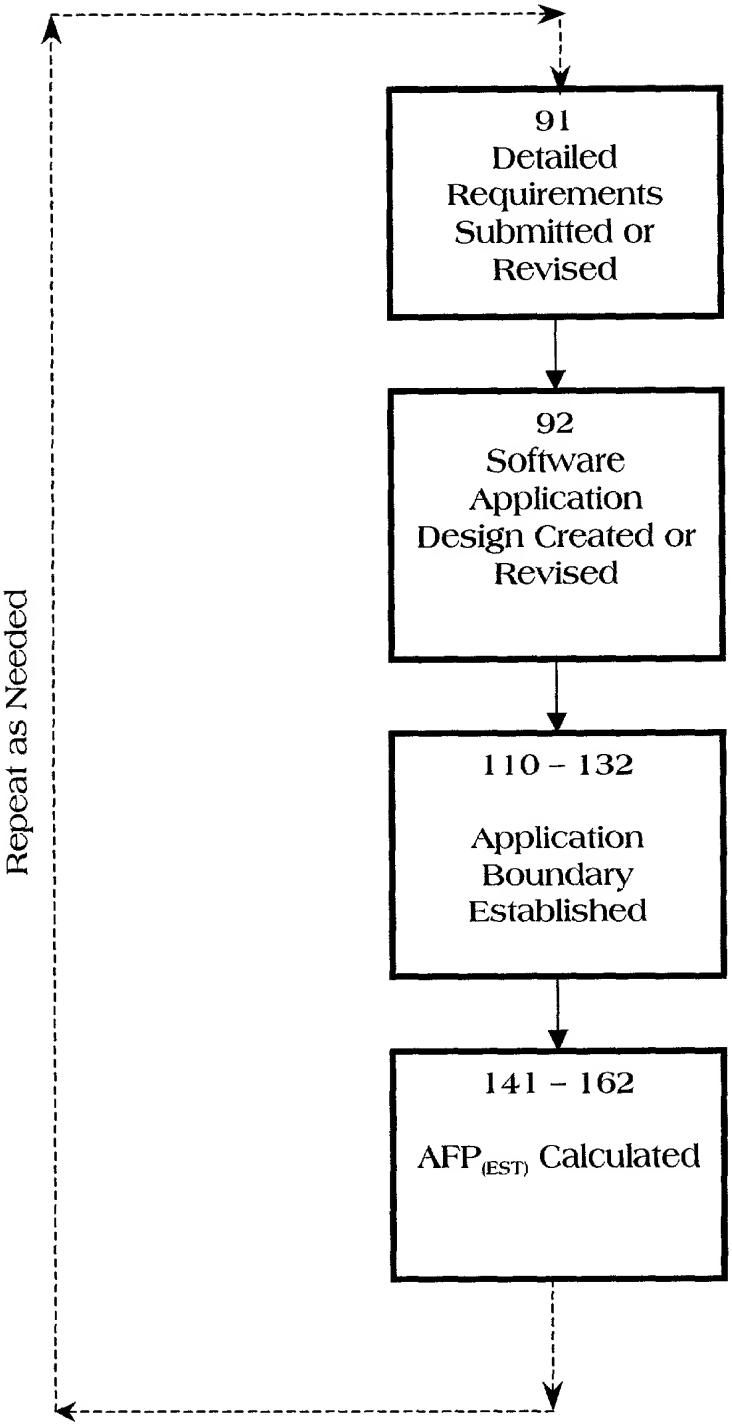

FIGURE 7
PRIOR ART

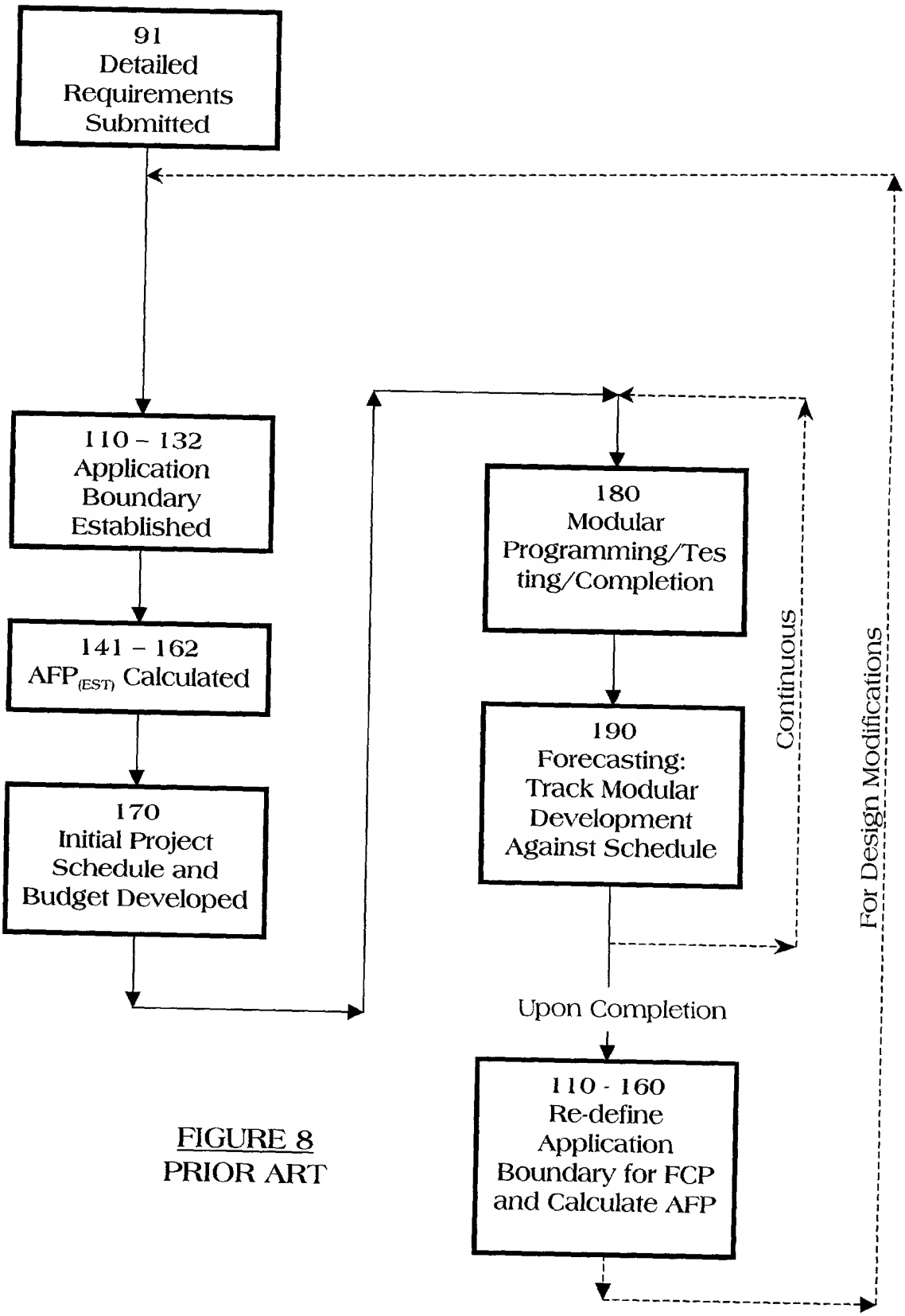

FIGURE 8
PRIOR ART

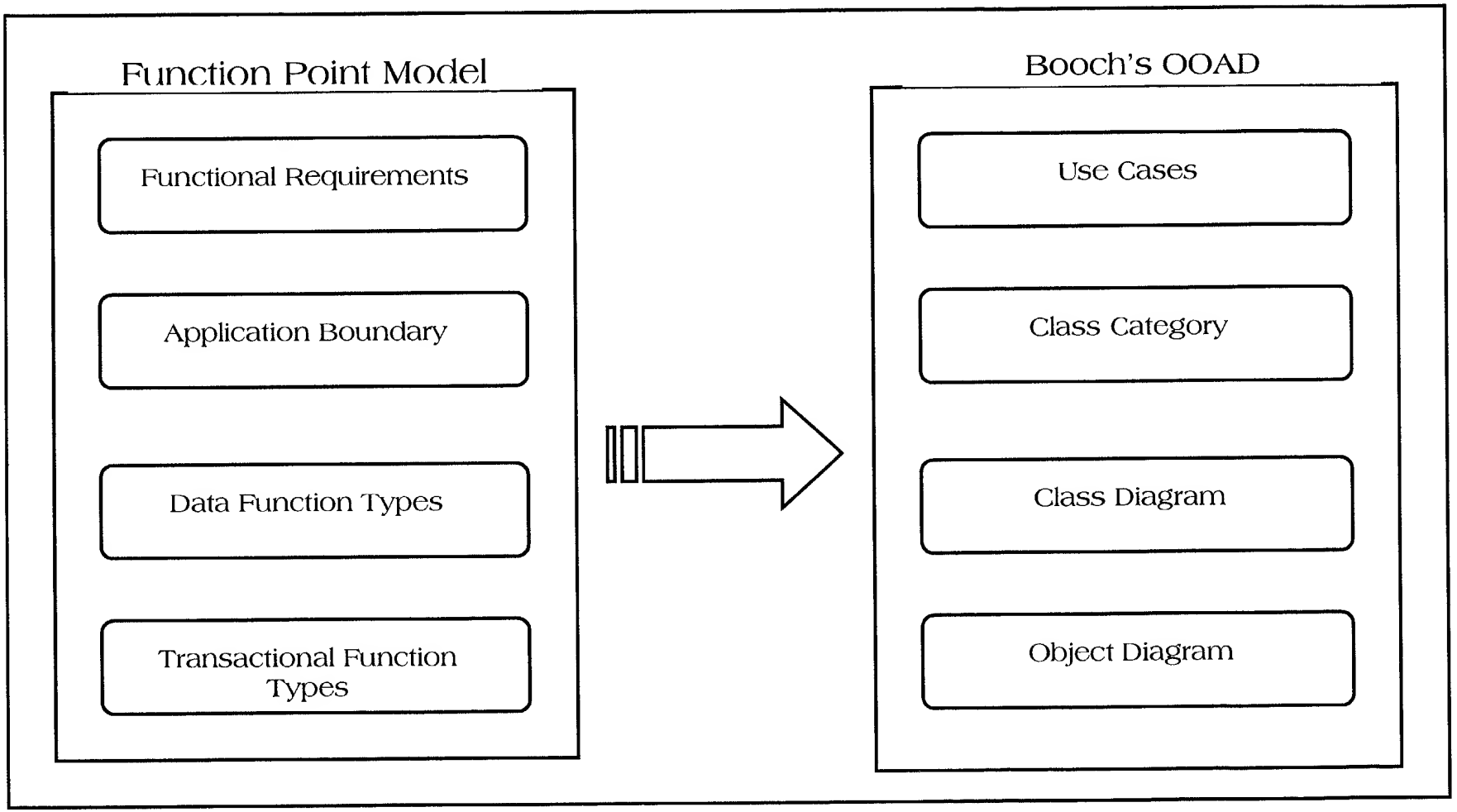
Function Point Model
Functional Requirements
Application Boundary
Data Function Types
Transactional Function Types
Booch's OOAD
Use Cases
Class Category
Class Diagram
Object Diagram

FIGURE 9

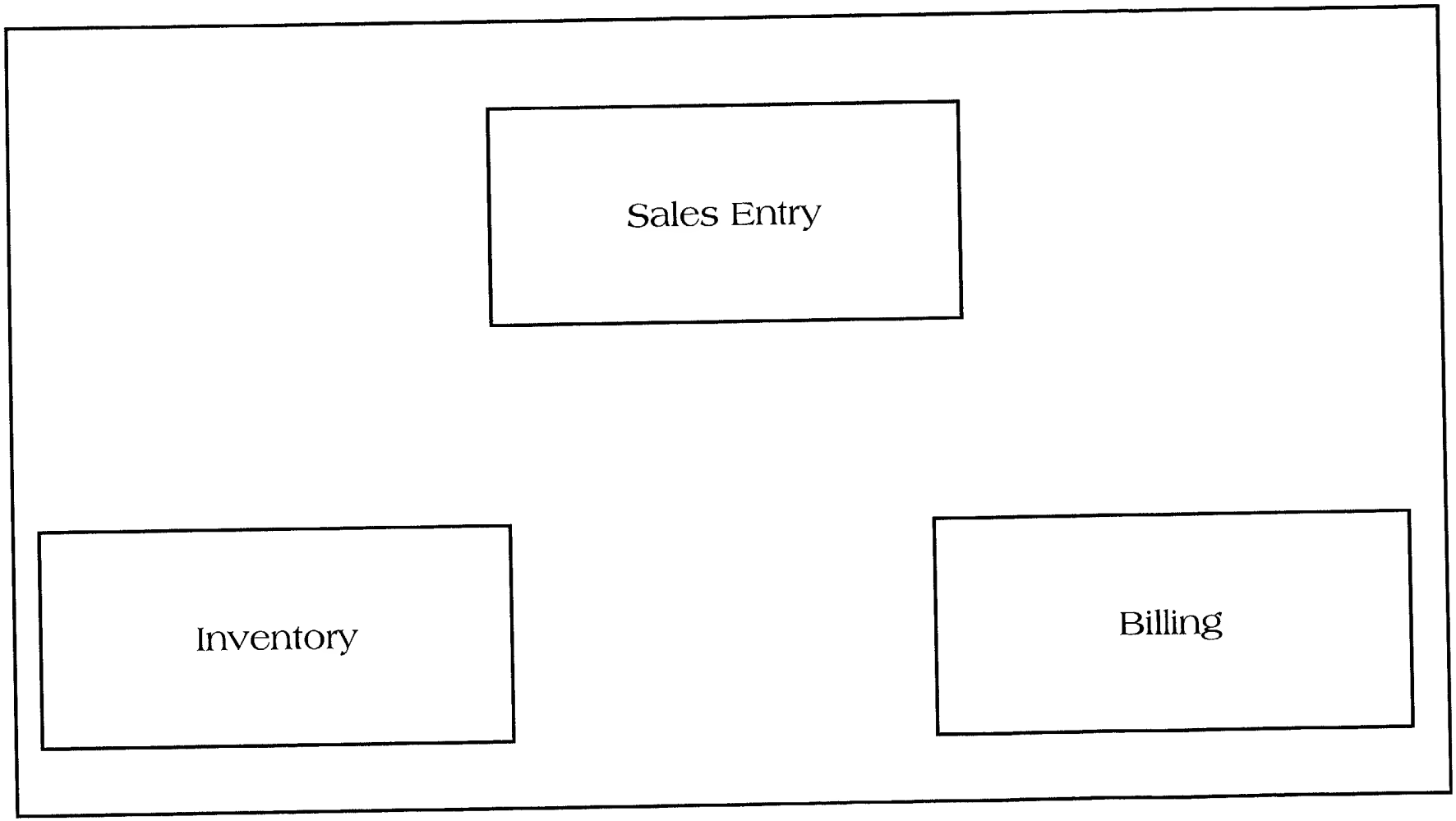

FIGURE 10

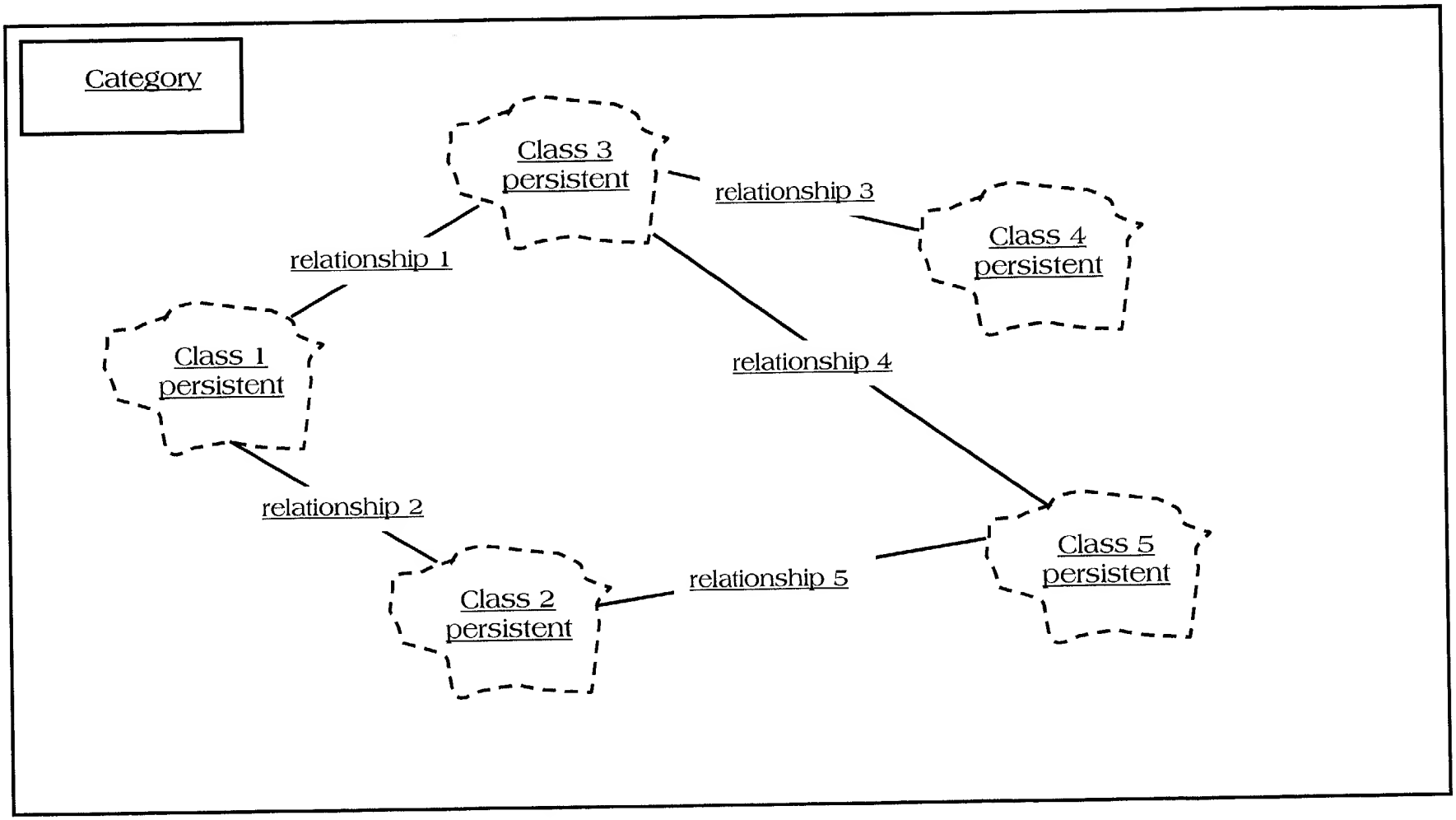
Category
Class 3
persistent
relationship 3
Class 4
persistent
relationship 1
Class 1
persistent
relationship 4
relationship 2
Class 5
persistent
relationship 5
Class 2
persistent

FIGURE 11

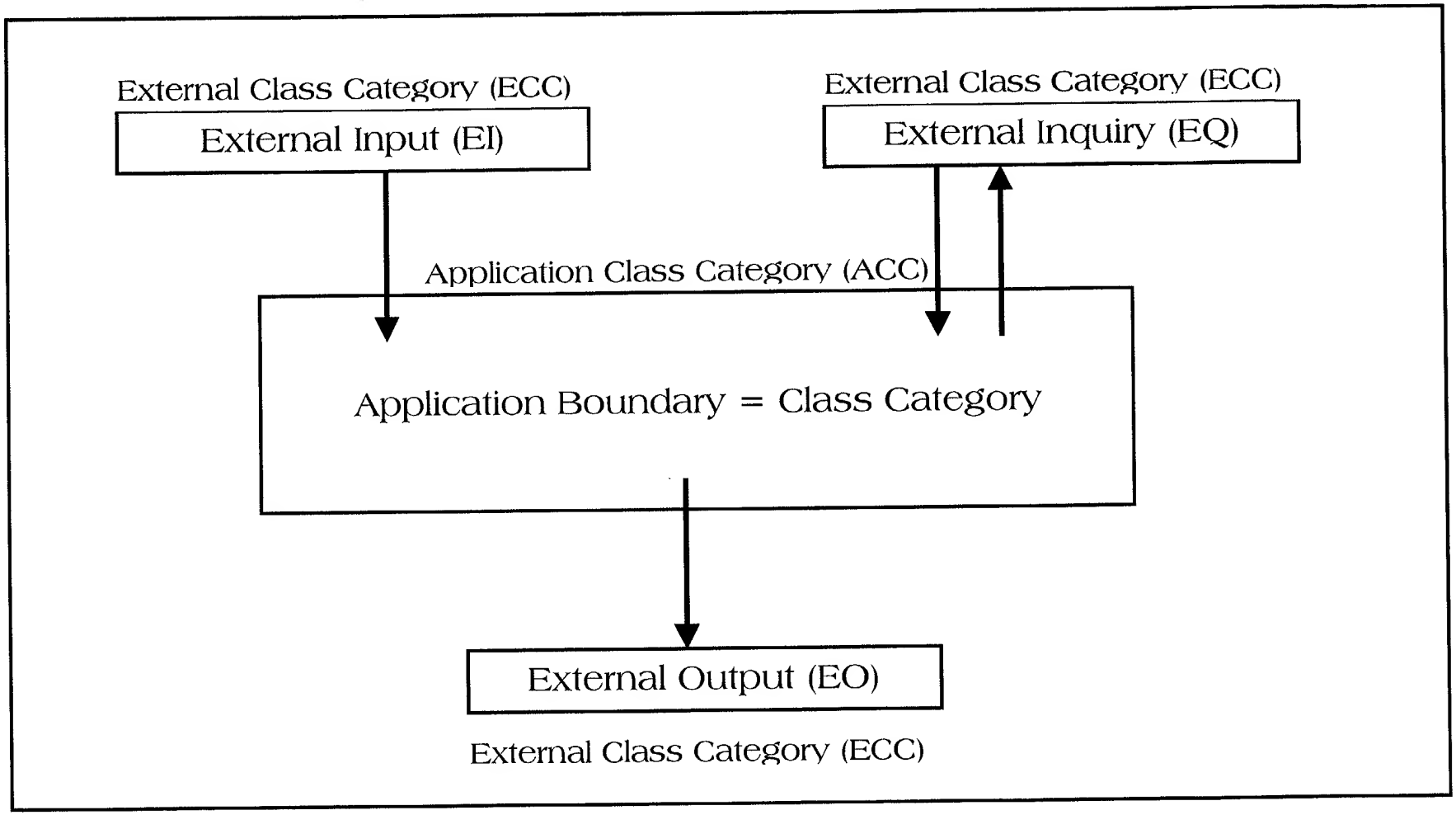
External Class Category (ECC)
External Input (EI)
External Class Category (ECC)
External Inquiry (EQ)
Application Class Category (ACC)
Application Boundary = Class Category
External Output (EO)
External Class Category (ECC)

FIGURE 12

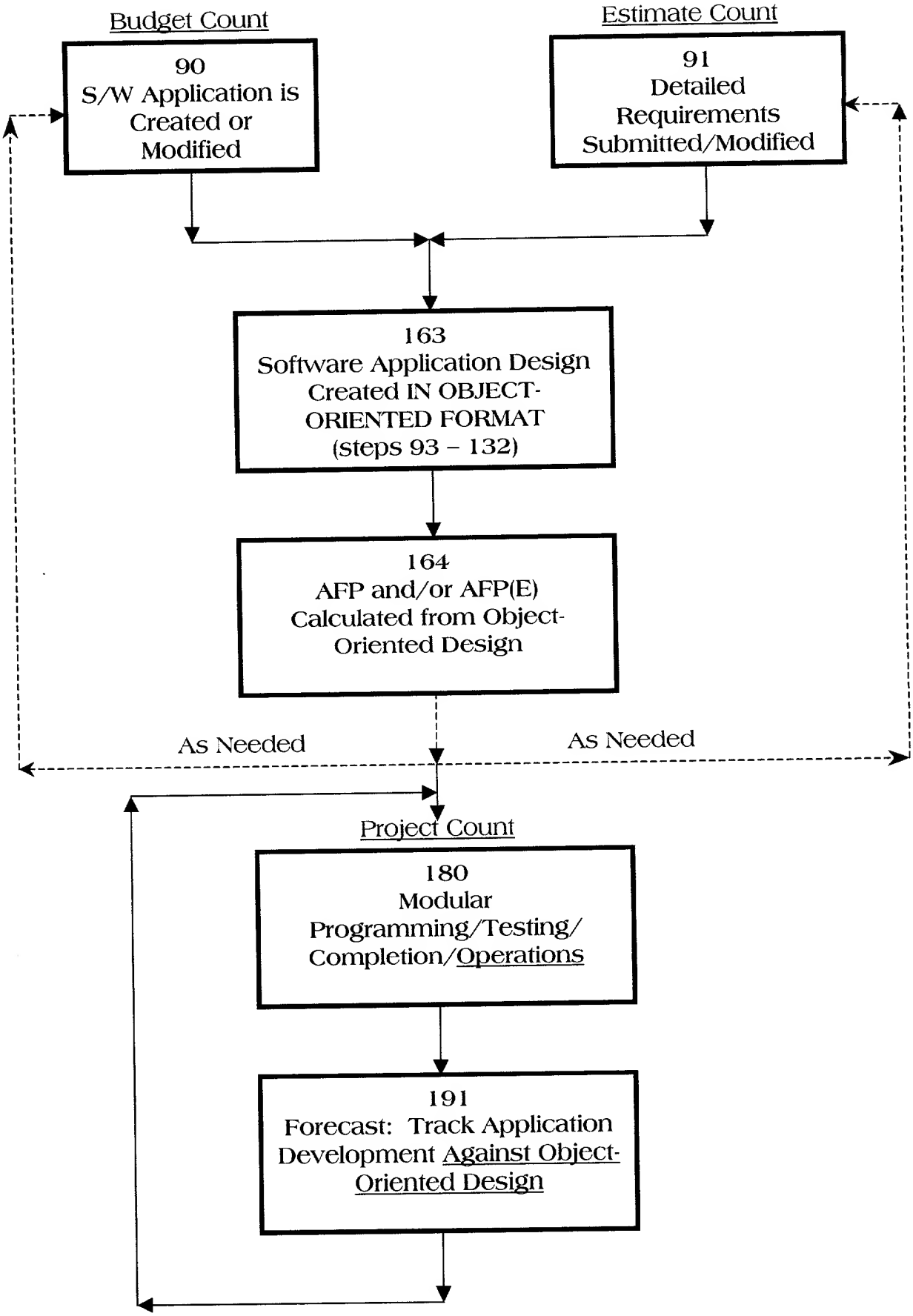
Budget Count
90
S/W Application is Created or Modified
Estimate Count
91
Detailed Requirements Submitted/Modified
163
Software Application Design Created IN OBJECT-ORIENTED FORMAT (steps 93 – 132)
164
AFP and/or AFP(E) Calculated from Object-Oriented Design
As Needed
As Needed
Project Count
180
Modular Programming/Testing/ Completion/Operations
191
Forecast: Track Application Development Against Object-Oriented Design

FIGURE 13